

JUN 05 2006

## Certificate of Facsimile

I hereby certify that this correspondence is being facsimile-transmitted to the Commissioner for Patents and Trademarks at 571-273-6500 on June 5, 2006.

  
 Sondra R. Giffespie

 BRINKS  
 HOFER  
 GILSON  
 & LIONE

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Mike Kunze, et al.

Appln. No.: 10/549,438

Filed: September 16, 2005

 For: SENSOR ELEMENTS WITH  
 CANTILEVERED BAR STRUCTURES  
 MADE OF SEMICONDUCTORS BASED  
 ON A GROUP III-NITRIDE

Examiner: Unknown

Art Unit: Unknown

Attorney Docket No: 12939/003

 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

## TRANSMITTAL

Sir:

## Attached is/are:

- ☒ Transmittal duplicate; Correction of Entity Status; Response to Notification of Missing Parts; Notification of Missing Requirements; Declaration
- ☐ Return Receipt Postcard

## Fee calculation:

- ☐ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- ☒ A petition or surcharge in an amount of \$2,160.00 under 37 C.F.R. § 1.16(e).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+ \$360=	
					Total	\$		Total	\$

## Fee payment:

- ☒ Please charge Deposit Account No. 23-1925 in the amount of \$2,160.00. A copy of this Transmittal is enclosed for this purpose.
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

06/08/2006 MKAYPAGH 00000073 231925 10549438

01 FC:1255

2160.00 DA

Date

6/5/06

Respectfully submitted,

  
 A. James Richardson (Reg. No. 26,983)

RECEIVED  
CENTRAL FAX CENTER

JUN 05 2006

Certificate of Facsimile

I hereby certify that this correspondence is being  
facsimile-transmitted to the Commissioner for Patents  
and Trademarks at 571-273-6500 on June 5, 2006.

  
Sondra R. Gillespie

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

In re: patent of: Mike Kunze, et al.	)	
	)	
For: SENSOR ELEMENTS WITH	)	
CANTILEVERED BAR STRUCTURES MADE OF	)	
SEMICONDUCTORS BASED ON A GROUP	)	
III-NITRIDE	)	
	)	
Serial No.: 10/549,438	)	
Filing Date: September 16, 2005	)	Group Art Unit: Unknown
	)	
Int'l. Serial Number:	)	Examiner: Unknown
PCT/EP2004/002817	)	
	)	
Int'l. Filing Date:	)	
March 18, 2004	)	
	)	
Our File No.: 12939/003	)	

**CORRECTION OF ENTITY STATUS UNDER 37 C.F.R. § 1.28(c)**

Commissioner of Patents  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant submits this notice pursuant to 37 C.F.R. § 1.27(g)(2) that small entity status  
is no longer claimed in this application.

While Applicant's status as a small entity was established by the subscribing attorney of  
record in good faith at the time this application was originally filed, it was subsequently  
discovered that this small entity status was established in error and therefore Applicant seeks

correction pursuant to 37 C.F.R. § 1.28(c). The following table itemizes each particular type of fee that was erroneously paid as a small entity, the current fee amount for a non-small entity, the small entity fee actually paid, when small entity fee was actually paid, the deficiency owed for each erroneously paid fee and the total deficiency owed.

Date	Fee	Fee Paid	Current Fee	Fee Deficiency
16 SEP 2005	Nationalization Fees Identified on Attached PTO-1390	\$1930.00	\$3860.00	\$1930.00
<b>Total Deficiency</b>				\$1930.00

The Commissioner is hereby authorized to charge the fee deficiency noted above, and any additional fees that may be required, and to credit any overpayment to Deposit Account 23-1925.

Respectfully submitted,



A. James Richardson  
Reg. No. 26,983

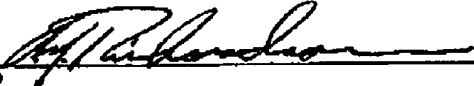
BRINKS HOFER GILSON & LIONE  
One Indiana Square, Suite 2425  
Indianapolis, Indiana 46204-2033  
Telephone: (317) 636-0886  
Fax: (317) 634-6701

PTO-1390 (Rev. 12-2005)

Approved for use through 3/31/2007. OMB 0657-0021

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

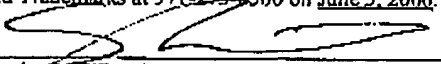
U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.50)		INTERNATIONAL APPLICATION NO. PCT/GB2004/002817		ATTORNEY'S DOCKET NO. 12838/003	
The following fees are submitted:				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee .....\$300.00				\$300.00	
22. <input checked="" type="checkbox"/> Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....\$100.00				\$200.00	
All other situations.....\$200.00					
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100.00				\$400.00	
International Search Report prepared and provided to the Office.....\$400.00					
All other situations.....\$500.00					
TOTAL OF 21, 22 and 23 =				\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
Claims	Number Filed	Number Extra	Rate		
Total Claims	72 - 20 =	52	x \$ 50.00	\$2,600.00	
Independent Claims	1 - 3 =	0	x \$ 200.00		
Multiple dependent claim(s) if Applicable) 0				+ \$360.00	\$360.00
TOTAL OF ABOVE CALCULATIONS =				\$3,860.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				(\$1,930.00)	
SUBTOTAL =				\$1,930.00	
Processing fee of \$130.00 for furnishing the English translation later than the <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE=				\$1,930.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property +					
TOTAL FEES ENCLOSED=				\$1,930.00	
				Amount to be refunded	\$
				Amount to be charged	\$
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 23-1925 in the amount of \$1,930.00 to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
Send All Correspondence to: A. James Richardson, Esq. Brinks Hofer Gilson & Lyne One Indiana Square, Suite 1800 Indianapolis, IN 46204				 Signature A. James Richardson Name 26,983 Registration Number	

FORM PTO-1390 (REV. 02-2005)

Page 2 of 2

Certificate of Facsimile

I hereby certify that this correspondence is being facsimile-transmitted to the Commissioner for Patents and Trademarks at 571-273-6500 on June 5, 2006.

  
Sondra R. GillespieCase No. 12939/003**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Mike Kunze et al.

Serial No.: 10/549,438

Attention: Manager,  
Application Branch

Filed: September 16, 2005

For: SENSOR ELEMENTS  
WITH CANTILEVERED  
BAR STRUCTURES  
MADE OF  
SEMICONDUCTORS  
BASED ON A GROUP  
III-NITRIDE**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION  
FILING DATE GRANTED****MAIL STOP MISSING PARTS**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the Notice to File Missing Parts of Application Filing Date Granted dated May 5, 2006, a copy of which is attached, enclosed herewith for filing are the following documents:

- ☒ Fully executed Declaration for Patent Application and Power of Attorney for the above-referenced patent application.
- ☒ Applicant:
- ☐ claims small entity status. See 37 CFR 1.27.
- ☒ is other than small entity

Serial No.:10/549,438


Filing Date: September 16, 2005

- ☒ Fees totaling \$230.00 for:
- ☐ Filing Fee of \$\_\_\_\_\_.
- ☒ Surcharge of \$130.
- ☐ Additional Claim Fees of \$\_\_\_\_\_.
- ☐ Search Fee of \$\_\_\_\_\_.
- ☐ Examination Fee of \$\_\_\_\_\_.
- ☐ Extension of Time Fee of \$\_\_\_\_\_.
- ☒ Application Size Fee (for each additional 50 sheets that exceeds 100 sheets, including specification and drawings) of \$100.
- ☐ Petition for Extension of Time (37 C.F.R. § 1.136(a)) to file missing parts (in duplicate).
- ☐ Other: \_\_\_\_\_.
- ☒ The Commissioner is hereby authorized to charge the above fees or credit overpayment to Deposit Account No. 23-1925 in accordance with the attached Transmittal Sheet.

Respectfully submitted,

Dated: \_\_\_\_\_

6/5/06

  
A. James Richardson  
Registration No. 26,983  
Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE  
ONE INDIANA SQUARE, SUITE 1600  
INDIANAPOLIS, IN 46204  
317-636-0886



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address COMMISSIONER FOR PATENTS  
P.O. Box 1458  
Alexandria, Virginia 22315-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/549,438	Mike Kunze	12939/003

A James Richardson  
Brinks Hofer Gilson & Lione  
Suite 1600  
One Indiana Square  
Indianapolis, IN 46204

INTERNATIONAL APPLICATION NO.	
PCT/EP04/02817	
LA. FILING DATE	PRIORITY DATE
03/18/2004	03/18/2003

CONFIRMATION NO. 5578  
371 FORMALITIES LETTER  
\*OC000000018690152\*

Date Mailed: 05/05/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/16/2005
- English Translation of the IA filed on 09/16/2005
- Copy of the International Search Report filed on 09/16/2005
- Oath or Declaration filed on 09/16/2005
- U.S. Basic National Fees filed on 09/16/2005

RECEIVED  
MAY 10 2006  
SERIALS ACQUISITION

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$50 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$115 for a Small Entity:

- \$65 Surcharge.
- Total additional claim fee(s) for this application is \$ 50
  - \$50 for 54 total claims over 20.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DARRELL C COTTMAN

Telephone: (703) 308-9140 EXT 203

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/549,438	PCT/EP04/02817	12939/003

FORM PCT/DO/EO/805 (371 Formalities Notice)